Amendments to the Claims

1 Claim 1 (currently amended): A method of improving installation of software packages,

2 comprising steps of:

3 defining an object model as a framework for creating ~~representing a plurality of~~

4 ~~components of a software installation package and~~ packages including one or more topology

5 objects, wherein the model is independent of any particular software installation package to be

6 created from the model and specifies that each particular software installation package has a suite

7 level and a component level, wherein the suite level serves as a container for one or more

8 topology objects and one or more components to be included at the component level and each

9 component comprises a plurality of objects and wherein each topology object identifies one or

10 more selected ones of the components; and

11 populating the object model to describe a particular software installation package and one

12 or more topologies for deployment of that particular software installation package.

1 Claim 2 (original): The method according to Claim 1, further comprising the step of instantiating

2 a plurality of objects according to the defined object model, and wherein the populating step

3 populates the instantiated objects.

1 Claim 3 (original): The method according to Claim 2, wherein the instantiated objects are

2 JavaBeans.

1 Claim 4 (original): The method according to Claim 2, wherein the instantiating step instantiates

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2   an object for the particular software installation package and one or more component objects for

3   each software component included in the particular software installation package.

1   Claim 5 (original): The method according to Claim 1, further comprising the steps of:

2   selecting at least one of the topologies for deployment; and

3   using the populated object model to install the particular software installation package

4   using the selected topology.

1   Claim 6 (currently amended): The method according to Claim 5, wherein the step of using the

2   populated object model further comprises the steps of:

3   identifying one or more target machines on which the particular software installation

4   package is to be installed;

5   downloading the particular software installation package from a server to the identified

6   target machines; and

7   performing an installation at each of the identified target machines using the downloaded

8   particular software installation package.

1   Claim 7 (currently amended): The method according to Claim 6, further comprising the step of

2   authenticating, by individual ones of the identified target machines, the [[a]] server on which the

3   downloading step operates prior to an operation of the downloading step of performing the

4   installation.

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1   Claim 8 (original): The method according to Claim 1, wherein each topology object provides a

2   recommended configuration of the software installation package.

1   Claim 9 (original): The method according to Claim 1, wherein each topology object provides a

2   required configuration of the software installation package.

1   Claim 10 (currently amended): A system for improving installation of software packages,

2   comprising:

3   means for defining an object model <u>as a framework for creating</u> ~~representing a plurality of~~

4   ~~components of a~~ software installation ~~package and~~ <u>packages including</u> one or more topology

5   objects, wherein <u>the model is independent of any particular software installation package to be</u>

6   <u>created from the model and specifies that each particular software installation package has a suite</u>

7   <u>level and a component level, wherein the suite level serves as a container for one or more</u>

8   <u>topology objects and one or more components to be included at the component level and</u> each

9   component comprises a plurality of objects and wherein each topology object identifies one or

10   more selected ones of the components; and

11   means for populating the object model to describe a particular software installation

12   package and one or more topologies for deployment of that particular software installation

13   package.

1   Claim 11 (original): The system according to Claim 10, further comprising:

2   means for selecting at least one of the topologies for deployment; and

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3   means for using the populated object model to install the particular software installation

4   package using the selected topology.

1   Claim 12 (currently amended): The system according to Claim 11, wherein the means for using

2   the populated object model further comprises:

3   means for identifying one or more target machines on which the particular software

4   installation package is to be installed;

5   means for downloading the particular software installation package from a server to the

6   identified target machines; and

7   means for performing an installation at each of the identified target machines using the

8   downloaded particular software installation package.

1   Claim 13 (original): The system according to Claim 10, wherein each topology object provides

2   a recommended configuration of the software installation package.

1   Claim 14 (original): The system according to Claim 10, wherein each topology object provides

2   a required configuration of the software installation package.

1   Claim 15 (currently amended): A computer program product for improving installation of

2   software packages, the computer program product embodied on one or more computer-readable

3   media and comprising:

4   computer-readable program code means for defining an object model as a framework for

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5   ~~creating~~ ~~representing a plurality of components of a~~ software installation ~~package and~~ packages

6   including one or more topology objects, wherein the model is independent of any particular

7   software installation package to be created from the model and specifies that each particular

8   software installation package has a suite level and a component level, wherein the suite level

9   serves as a container for one or more topology objects and one or more components to be

10 included at the component level and each component comprises a plurality of objects and

11 wherein each topology object identifies one or more selected ones of the components; and

12   computer-readable program code means for populating the object model to describe a

13 particular software installation package and one or more topologies for deployment of that

14 particular software installation package.

1   Claim 16 (original): The computer program product according to Claim 15, further comprising:

2   computer-readable program code means for selecting at least one of the topologies for

3   deployment; and

4   computer-readable program code means for using the populated object model to install

5   the particular software installation package using the selected topology.

1   Claim 17 (currently amended): The computer program product according to Claim 16, wherein

2   the computer-readable program code means for using the populated object model further

3   comprises:

4   computer-readable program code means for identifying one or more target machines on

5   which the particular software installation package is to be installed;

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6   computer-readable program code means for downloading the particular software

7   installation package from a server to the identified target machines; and

8   computer-readable program code means for performing an installation at each of the

9   identified target machines using the downloaded particular software installation package.

1   Claim 18 (original): The computer program product according to Claim 15, wherein each

2   topology object provides a recommended configuration of the software installation package.

1   Claim 19 (original): The computer program product according to Claim 15, wherein each

2   topology object provides a required configuration of the software installation package.

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